

v. occ. pop. hon
v. occ. milga

occ. rosewood, v. occ. kakia on med. sh. brown.

17004 Lake Cowan Siding. 17004 - pine, nl hon.

bull-ock, rosewood, milga, occ. Karrajong, occ. kakia,
occ. pop. hon

occ. bilah on med sh. brown, some gravelly. 8-10

bilah, rosewood, myall, milga on brown somewhat
greasy. 10. Creek. 11-13 Bilah, milga, rosewood on pale-

med sh slightly sm. & greasy, with alts. & intergs. with
pale brown hard, greasy w. pop. red hon. gums in

watercourses. 13-20 alts. & intergs. of med. sm. pale - med.
little brown mainly slightly sm. occ. myall

sh. & pale sh. greasy. Bilah, rosewood, milga, gums
- med.

along creek. 20-26 short stem alts & intergs. of heavy sm.

med. sh. sh. brown greasy with sh. hard. bilah, myall,

rosewood, milga, nl hon, pop. hon. 26-32 alts & intergs. of
occ. rosewood.

brown greasy sh. hard w. bilah, milga, myall, nl hon.

32-60 ^{occ. white hon} nl hon, pine, bull-ock on med. sh. hard. 34.

Caragabal. 39 return to undulating country w. scattered

hills. white hon down from ca. 55. 60-61 white hon

& nl ironbark on pale brown hard, med. hilly.

62 Greenfell.

(17062) Greenfell to Wyalong via Quandialla.

17062-7069.

> mostly 7 miles of favorable habitats on
paddocks on R.H.S. of road, containing
adult cones zones & some prepared ovip. sites. (Howling
also
in many
places)

17062-74 White box, N.L. Box, ^{E. millidora} steep bank on path

* medium brown, hard road, sandy
& pine from 70.

17062-74. numerous apparently favorable.

C. temeripora habitats, in a few cases
containing potential outbreak centers.

17070-80

pale & medium brown and red brown (hard)

N.L. Box, hard occ. White box path,

increased brown ⁸⁰ sandy in places.

17080-83 (Scrub) pale grey brown silt, c. steep bank.
flat.

17084-92 (Granddacia) White & N.L. Box pine on path -

medium brown & red brown ^(hard - brown) occ. loc wood

hulloak
& belah, from 91-95.

17095-99

slight path, brown, white box, N.L. Box loc wood Regal

17099 - 17099 return to previous state of affairs

17099 - 113 ^{short to medium term alternations of}
medium grey brown, grey, & purple, yellowish
on purple, ^{approximate} plant in depression, stalks almost
bare (Photographs one and 2). Box, below, rosewood,
and probably naturally thicker with grey, pale grey brown.

(17100 - 105) In all 4 habitats in cone zone, preferred
crop site on T.S.K.)

- red brown and moderately ^{shiny} self mulching, grey brown to
moderately dense yellowish, mainly thicker. Tom 102.

(17101 - 106: 1 favorable alligator) and (17102
judging on T.S.K. 2 - few white habitats with
adverse cone zones, favorable over sites)

(17105 - 110 10/05 17101 - 106.)

17110 - 115 ^{medium} Box - Rosewood below below on
brown, heavy, purple in places, already and
moderately strong, self mulching, red brown
with occ. small

(17113 Double 4 habitats in cone zone (imp. site).)

17115 - 119 below (imp. devel.) on brown -
grey brown, grey to slightly self mulching,
under holes - though developed in places

in patches
+ box ~~Myrtle~~ Pine on higher country, N
the wood - Myrtle in patches

1719-23 N.L. Box, Pine, Bull oak on red brown,
Brown, hard

1723 Inboard on pine at 22 (Rock exposed here & there)

1723-25 Mallee on brown + red-brown

1724- Wyalong 127

Poplar box, N.L. Box, Pine, on rich red brown hard

Wyalong - Forbes. 1731-

31-33 Poplar box, N.L. Box pine on red brown hard.

33-35 Mallee on red brown

36-39 ~~Wyalong~~ ~~Wyalong~~ N.L. box 516 box
Pine, oak, blue oak

39-40 bullock, N.L. Box on brown, pine, &
mallee bushes

40-41 N.L. Box, pine, bull oak on red brown
hard

41-42 N.L. Box N.L. hard oak, bull oak, pine
on red brown + brown hard

42-43 N.L. Box, pine, bullock oak, blue oak, all
Carapara on red brown hard & heavy

oc. R. ...

grey brown grey areas with N.L. Box, shiny bark &
sum. surrounded close to river (from 230)

(240 fav. habitat outbreak centre possible)

245 " " " " probable outbreak centre

242-46 medium term alterations of medium to
heavy self-mulching med-grey brown, & brown to red-brown
grey to hands N.L. Box, shiny bark, Basia

dense on heavy country (oc. weeping tree, ^{acacia med. tree} possibly)

(244-52 numerous possible outbreak centres) ^{Cooleah}

46-50 short term alts of med. heavy ^{med} sm. fl. &

gl. to sh. green w. red bon, shiny, occ. myall, coarse

natural plain, gently undulating.

250-59 (Coedokolin) med term alteration
& interphase

1 brown-red brown heavy & brown grey
brown (shaly to w. decal) self ^{mulching} mulching

2 myall fuel dense, poplar box etc
best occ. rosewood.

(760)
Coedokolin - Trundle 60-65 (Trundle burn-off) rich sh.

glam hard w. pop. loc, red bon & myall. 65-77 rich

red brown (o), slightly gravelly, w. pop. loc, pine, ^{occ. myall} occ.

Kurrajong. (65-66 fav. habitats, w. possible outbreak
undulating. centres)

77-80 alts + herbs of red box pine & of iron bark -
 mallee - wattle on undulating quartz gravel
 country, 80-89 pop. box, pine, occ. Kurrajong, occ.
 wilga ^{occ. nl box} occ. buddah on rich ^{rich sb} th. 89-99 (trough) ^{trough}
 nl box, pop. box, pine & occ. Kurrajong on red hard.
Trundle (300) to Peak Hill 300-307 As before, plus occ.
 nl box, pop. box, pine, occ. Kurrajong (frequent in
 places) occ. hulloak, occ. buddah & v. occ. ^{(wattle} rosewood.

307-19, nl box, pine, hulloak, occ. wilga, buddah,
 wattle, Kurrajong on ^{rich sb} dark ^{dark brown} th. fine gravel. Occ. patches
 of iron bark 19-32 ditto on brown, ²⁹ th. hard. Slight
 undine, as buff & brown hard w. occ. myall ²⁹, 31 on
 slight rise due to puffs on brown w. occ. myall,
^{wilga} rosewood, fav. habitats between 29 & 32. 32-34 rich red &
 th. w. nl box pine, rosewood, wilga. 34-43 ^(Peak Hill) ^{Peak Hill} brown to
 th. red hard w. nl box, pop. box, pine, wilga, rosewood
Peak Hill - Narrawine via Wangary ⁽⁴³⁾ 43-46 med. th. ^{fairly} greasy
 w. nl box myall. 46-~~50~~ ^{alts of} nl box, occ. pine, pop. box,
 rosewood, hulloak, myall on ^{grey} ^{grey} fine th. hard ^{ditto on}
 med. th. greasy. (fav. habitats, 50-52 ²⁷, prob. outbreak
 centre at 50.) 54-56 nl box, pop. box, pine, hulloak on
 brown-th. hard. 56-⁶² ~~56~~ ^{nl box} nl box, wattle on brown-

74 - from ...
69 - ...
69-70 ...
71-72 ...
73-74 ...
75-76 ...
77-78 ...
78 - narrowline. ul. kon, pine, buddah.
oc. milga.

Narrowline - Peak Hill. Country very similar to that
from Trundle top.H., viz. ul. kon, oc. 10 pop. pop. kon, fig.
mull-oak & pine. Pop. kon dom. in places. white kon
bee. ul. iron bark on a few small trees. The Casuarina
reported on my first trip is thus mull-oak, not mullah.
Soil red, purple and in places. oc. 10 kon. fig.
Pop. kon apparently disappears S of H.

67: Fines - Saruma Turn-off from Candaroo road. 67-68
Pale brown sandy w. ul. kon, kunjy & gum. 69-73 med.
74. Brown hard w. ul. kon, pine, oc. white kon. 73-74
alts. of pale med. gr. brown greasy, sometimes w. puffs, &
slightly mod. sm. med. gr. ul. kon, kunjy, oc. myall
75-77 Pale med. brown to hard, greasy & sandy w. ul.
kon, oc. pine, v. oc. mull-oak. 77-79 (Saruma) Pale gr. to pale
med. brown greasy w. Kunjy or slightly sm. ul. kon,
oc. mull-wood, oc. myall.

Sarawak - Greenfell via The Mungle bridge : - 79-84 : as before.

⁵~~84~~-86 (main Forbes - Greenfell Rd.) greasy to heavy sun. pale-med. gb. w. gilgais, puffs. At first nl. bon, rosewood, then treeless, occ. myall. fairly dense yungan hill. 86-88

mod. - heavy sun. pale - med. gb. w. yungan hill. Treeless.

88-92¹/₂ greasy - mod. sun med. gb. w. puffs + occ. gilgais.

nl. bon, rosewood, occ. myall. Patches of yungan hill.

(Greenfell)
592-612¹/₂ slight rise to pale to med. brown to rb. hard w.

nl. bon, strugly, tableland gum, occ. pine, occ. (Marsdenburn-?)

bull-out (to ca. 96). white bon frequent after 606, &

v. occ. before. nl. iron bark frequent from 609.

⁽⁶¹²⁾
Greenfell - Young : 12-32 : white bon, nl. bon, strugly, occ.

gum, very occ. pine (to ^{ca.} 25) on pale - med brown and

med-rich rb., occ. red, hard. white bon on rises, nl. bon

+ strugly on flats + hollows. 32-44 (Young). Strugly,

gums, v. occ. nl. bon, white bon on some rises. ^{top}

near Young. Pale brown + rb. to med. brown + med to ^(occ.) rich

rb.

Young - Pass . 44-54. Gum, white bon, strugly on

pale gb. ^{pale} + brown to (occ.) rich rb. 54-~~82~~⁷⁶ Gum: "tableland

code", v. occ. white bon, on same soils, but paler types

^{strongly} dominant. Mummurrah at 64. ~~82~~ 76-83 med brown to

med. rich 76 w. white box strongly dominant, other bees
(Lyan)
v. occ. 683-707 / return. Binalong at 85. No white box after
695.



37 ms. W of Broufield on G-
ley along road (7 ms. W of
Quandialla). June
1941. Medium grey-brown greasy
soil with puffs. Bon, bulah,
rosewood & prob. naturally treeless
areas. Yangan hill on puffs.
Ayers reed plant in depression,
shelves almost bare. Photo
showing tendency of puffs to
arrange themselves in lines.

37 ms. W of Broufield on G-
ley along road (7 ms. W of
Quandialla) June 1941. Medium
grey-brown greasy soil with
puffs. Bon, bulah, rosewood &
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Yangan hill on puffs. Ayers reed
plant in depression, shelves
almost bare.

~~2(a)~~

~~4(a)~~

[Pl. 2(a) of Bull. 186, 1945]

South of Narramine, near Fairview
June 1941. Nl. lion & bulah on
"2" with slightly to mod.
self-overlapping gilgais. Photo
shows rather gravelly bare space
on top of "mound" in foreground,
with heavily vegetated gilgai
beyond.

VELOX :